

Receiving Report

Date: 12/4/10
 Supplier: TW METAL

Batch No: M121317
 Dart P/O: 16618

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection OK 12/04/10 N/A ☒
 Work Order ☐ N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 12/4/10
 Date
 Received/Costing
 Initial

Location

All amounts are calculated in domestic currency.

All Item ID/GL/WOs	All Rec. Employees	All Currencies
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All Line Item Types

[illegible]



PACKING SLIP

ORDER NO.: 80498305 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 **NET WGT: 109.363** REQ.DATE: 04/10/12 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CHICAGO
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO16618 RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION

WIDTH

LENGTH

0001 36970 SMLS CD 316/L A269 7/8 X .065 WA 17/24 FT
QTY: 40.000 FT WT: 22.488 PC: 2 SHP: 40.000 FT

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR

Expiration Date: 0/00/00

PO:49266124 HT:YT12200 PC: 1 SLB/CL:-

MLT:CHINA MFG:CHINA

PO:49260954 HT:YT11053 PC: 1 SLB/CL:-

MLT:CHINA MFG:CHINA

0002 37241 SMLS CD 304/L A269 1-1/4 X .120WA 17/24 FT
QTY: 60.000 FT WT: 86.875 PC: 4 SHP: 60.000 FT

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR

Expiration Date: 0/00/00

PO:49260973 HT:YT12111 PC: 3 SLB/CL:-

MLT:CHINA MFG:CHINA

AREA		TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
YRC		REDDICRATE	1.000	136.000		20.5000	
			1.000	136.000			

BY: BG
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 80498305 FROM: CHIC PAGE 2

CUST NUMBER: 1203820 NET WGT: 109.363 REQ.DATE: 04/10/12 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKSBURY ON HAWKSBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7
SALESPERSON: DONNA SMALLEY DISTRICT: CHICAGO
TERMS: NET 30 DAYS 235 TUBEWAY
F.O.B.: SHIPPING POINT CAROL STREAM IL 60188
CUST ORD NO.: PO16618
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 4/04/12

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

CRYSTAL-PALACE

INSPECTION CERTIFICATE

ISO9001:2008 PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2011/12/26

CUSTOMER: KASUGAI CORPORATION OF AMERICA, INC.

CERTIFICATE NO.: 2011-10-12-B-24

P.O.NO.: M 49266124

ORDER NO.: 2011-10-012-B

COMMODITY: STAINLESS STEEL TUBE.

GRADE: ASTM A269-10/A213-10A TP316/316L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 240 GRIT.

HEAT NO.: YT12200

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr	Mo
SPECIFICATION	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	10.0~14.0	16.0~18.0	2.00~3.00
RESULTS (LADLE)	0.024	0.72	0.039	0.006	0.43	11.08	16.59	2.07

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	TS (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST (100%)
O.D. (inch)	W.T. (inch)	Length (feet)										
7/8	0.065	20	11-11-121	50	260	310	635	53.5	OK	OK	74	OK
1	0.065	20	Z11-10-139	250	1498	305	620	61.0	OK	OK	74	OK

REMARKS:

AS PER ASTM A269-10 / ASTM A213-10A / ASME SA213-10 EXCEPT AVG WALL IN COMPLIANCE TO NACE MR0175/ISO 15156-2003 SOLUTION HEAT TREATMENT :1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA COUNTRY OF MELT: CHINA

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

Dingweijiao
MANAGER OF QUALITY ASSURANCE DEPARTMENT

TW METALS

TESTED
JAN 23 2012
ACCEPTED BY



CRYSTAL PALACE

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MATERIAL TEST CERTIFICATE

ISO9001:2010 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2011/1/7

CUSTOMER: KASUGAI CORPORATION OF AMERICA, INC.

CERTIFICATE NO.: 2011-7-14-C-9

P.O. NO.: M 49260973

ORDER NO.: 2011-07-014-C

COMMODITY: STAINLESS STEEL TUBE

GRADE: ASTM A269-10/A213-10A TP304/304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 240 GRIT

HEAT NO.: YT12111

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	<0.035	<2.00	<0.045	<0.030	<1.00	8.0-12.0	18.0-20.0
RESULTS (LADLE)	0.024	0.71	0.038	0.003	0.43	8.06	18.12

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)	TS (Mpa)	EL (%)	FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST (100%)
O.D (inch)	W.T (inch)	Length (feet)				≥205	≥515	≥35				
3/4	0.065	20	P11-10-10	200	872	290	695	60.0	OK	OK	77	OK
3/4	0.120	20	P11-9-190	350	2592	270	660	67.0	OK	OK	74	OK
7/8	0.188	20	P11-9-201	25	316	250	600	63.5	OK	OK	74	OK
1 1/4	0.120	20	11-9-263	75	996	275	695	64.5	OK	OK	76	OK

REMARKS:

AS PER ASTM A269-10 / ASTM A213-10A / ASME
SA213-10 EXCEPT AVG WALL
IN COMPLIANCE TO NACE MR0175/ISO 15156-2:2003
SOLUTION HEAT TREATMENT: 1050°C X 1.5h/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
COUNTRY OF MELT: CHINA

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN
TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF
THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT
THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT

TWM METAL



DEC 09 2011

ACCEPTED BY

PUFA™

Producer of Premium Stainless Steel Seamless Tubes

MILL TEST REPORT

Purchaser.: TW METALS-Carol Stream				Certificate No.: 11-12-240			
Contract No.: TWM P.O.No.: M49260954				Date of Issue.: 2011.12.24			
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-11a/ASME SA213-08/ASTM A269-10 EAW			
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit			
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity			
				Pieces	Quantity (ft)		
TP316/TP316L	YT11053	11-108	7/8" x 0.065" x 20'	50	1,000		
Chemical Composition by Weight (%)							
Element	C	Mn	P	S	Si	Cr	Ni
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	16.00-18.00	10.00-14.00
Ladle Analysis	0.020	0.73	0.039	0.009	0.42	16.55	10.06
Product Analysis	0.023	0.75	0.040	0.013	0.47	17.08	10.14
Mechanical Properties							
Test Item	Elongation (% in 2")	Tensile Strength (MPa)		Yield Strength (MPa)			
		Rm	Rp / 0.2%				
Requirements	≥35	≥515	≥205				
Test Results	63/64	580/590	230/240				
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test
Requirements		HRB≤80		22%	e=0.09		
Test Results		73/75		Passed	Passed		OK
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection		
Requirements	ASTM E 426			ASTM A262 E	End Cur	Appearance	
Test Results	Passed			OK	OK	OK	
Additional Remarks:							
(1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes							
(2) Tubes tested per ASTM A1016-11a							
(3) In Compliance with U.S. Mil-P-24691/3							
(4) In Compliance with EN 10204-3.1							
(5) Materials is NACE MR0103-2007 compliant							
(6) Materials is NACE MR0175/ISO 15156-2003 compliant							
(7) In Compliance with RoHS Directive 2008/35/EC							
(8) No weld repair performed							
(9) Free from mercury contamination							
(10) Billets melt and pipes/tubes manufactured in China							
(11) FAR BAA / DFARS BAA / FAR TAA: CANNOT CERTIFY COMPLIANCE							
(12) 100% PMI Tested							
We hereby certify that this report is true and correct.							
By: Shanghai Pufa Stainless Steel Pipe Factory							
							
							
Manager of Quality Control Department							
Shanghai Pufa Stainless Steel Pipe Factory							
No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China							

ISO 9001:2008 Certified by Moody International 110703068

PED Certified by APRAGAZ 10/CN/2260-0-Rev 0



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16618

Purchase Order Date 4/02/12

PO Print Date 4/02/12

Page Number 1 of 1

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Contact Name

Vendor Phone

585 768 5600

Vendor Fax

585 768 5601

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TR0.875W.065 017	304 round tube .875 x .065w	4/10/12 Yes	40.00 f	Yours ppd	\$4.0000	\$160.00
Special Inst:			MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER A213 OR ASME SA213 OR ASTM A269				
2	M304TR1.250W.125 037	304 RD Tube 1.250 x .125w	4/10/12 Yes	60.00 f	Yours ppd	\$8.0000	\$480.00
Special Inst:			MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER A213 OR ASME SA213 OR ASTM A269				

PO Total:

\$640.00

MATERIAL CERTIFICATION
REQD UPON DELIVERY

Change Nbr:

1

Change Date: 4/02/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable